

IN THE CLAIMS

[Please cancel all claims on file, and substitute the following claims for examination.]

2. In a communication system, a method comprising:
- 2 sending a base station Service Request from a base station to a mobile
4 station controller for establishing a mobile-termination and base station-initiated
6 call;
sending a base station Service Response message from said mobile
station controller to said base station for acknowledging a call setup request by
said base station.
3. The method as recited in claim 2 further comprising:
- 2 sending a Paging Request message from said mobile station controller to
4 said base station for establishing said mobile-termination and base station-
initiated call.
4. The method as recited in claim 2 further comprising:
- 2 establishing a Dormant state between a mobile station and said base
4 station prior to said sending said base station Service Response message,
wherein said mobile-termination and base station-initiated call is for said mobile
station.
5. The method as recited in claim 4 further comprising:
- 2 terminating all physical channels between said base station and said
mobile station for said establishing said Dormant state.
6. The method as recited in claim 4 further comprising:
- 2 maintaining a Point to Point Protocol between said mobile station and a
Packet Data Network during said Dormant state.

2 7. The method as recited in claim 2 wherein said base station Service Request contains an identity of a mobile station, wherein said mobile-termination and base station-initiated call is for said mobile station.

2 8. The method as recited in claim 2 further comprising:
starting a timer for counting an elapsed time from said sending said base station Service Request.

2 9. The method as recited in claim 8 further comprising:
re-sending said base station Service Request when said elapsed time exceeds a predetermined elapsed time.

2 10. The method as recited in claim 8 further comprising:
stopping said timer when said base station Service Response message is received by said base station.

2 11. The method as recited in claim 2 further comprising:
determining said mobile-termination and base station-initiated call is for a mobile station within a serving region of said mobile station controller.

2 12. The method as recited in claim 3 further comprising:
sending a page message from said base station to a mobile station over a paging channel, wherein said mobile station is a terminated mobile station for said mobile-termination and base station-initiated call.

2 13. The method as recited in claim 12 further comprising:
sending a page response message from said mobile station to said base station over an access channel acknowledging reception of said page message from said base station.

2 14. The method as recited in claim 13 further comprising:
establishing said mobile-termination and base station-initiated call between said mobile station and said base station.

15. The method as recited in claim 2 further comprising:
2 receiving at said base station a request from a Packet Data Network for establishing a packet data communication call with a mobile station.

16. The method as recited in claim 15 further comprising:
2 detecting a Dormant state between said mobile station and said base station.

17. The method as recited in claim 2 further comprising:
2 receiving at said base station at least a packet of data for transmission from a Packet Data Network to a mobile station.

18. The method as recited in claim 17 further comprising:
2 detecting a Dormant state between said mobile station and said base station.

19. In a communication system, an apparatus comprising:
2 a base station configured for sending a base station Service Request for establishing a mobile-termination and base station-initiated call ;
4 a mobile station controller configured for receiving said base station Service Request and sending a base station Service Response message to said
6 base station for acknowledging a call setup request by said base station.

20. The apparatus as recited in claim 19 wherein said mobile station controller
2 is configured for sending a Paging Request message to said base station for establishing said mobile-termination and base station-initiated call.

21. The apparatus as recited in claim 19 wherein said base station is
2 configured for establishing a Dormant state between a mobile station and said base station prior to said sending said base station Service Response message,
4 wherein said mobile-termination and base station-initiated call is for said mobile station.

2 22. The apparatus as recited in claim 21 wherein said base station is
2 configured for terminating all physical channels between said base station and
said mobile station for said establishing said Dormant state.

2 23. The apparatus as recited in claim 21 wherein said mobile station, or said
2 base station, or said mobile station and said base station are configured for
maintaining a Point to Point Protocol between said mobile station and a Packet
4 Data Network during said Dormant state.

2 24. The apparatus as recited in claim 19 wherein said base station Service
Request contains an identity of a mobile station, wherein said mobile-termination
and base station-initiated call is for said mobile station.

2 25. The apparatus as recited in claim 19 further comprising:
2 a timer for counting an elapsed time from said sending said base station
Service Request.

2 26. The apparatus as recited in claim 25 wherein said base station is
2 configured for re-sending said base station Service Request when said elapsed
time exceeds a predetermined elapsed time.

2 27. The apparatus as recited in claim 25 wherein said timer is configured for
2 stopping when said base station Service Response message is received by said
base station.

2 28. The apparatus as recited in claim 19 wherein said mobile station controller
2 is configured for determining said mobile-termination and base station-initiated
call is for a mobile station within a serving region of said mobile station controller.

2 29. The apparatus as recited in claim 20 wherein said base station is
2 configured for sending a page message to a mobile station over a paging
channel, wherein said mobile station is a terminated mobile station for said
4 mobile-termination and base station-initiated call.

30. The apparatus as recited in claim 29 wherein said mobile station is
2 configured for sending a page response message to said base station over an
access channel acknowledging reception of said page message from said base
4 station.

31. The apparatus as recited in claim 30 wherein said mobile station and said
2 base station, individually or in combination, are configured for establishing said
mobile-termination and base station-initiated call between said mobile station and
4 said base station.

32. The apparatus as recited in claim 19 wherein said base station is
2 configured for receiving a request from a Packet Data Network for establishing a
packet data communication call with a mobile station.

33. The apparatus as recited in claim 19 wherein said base station is
2 configured for detecting a Dormant state between said mobile station and said
base station.

34. The apparatus as recited in claim 19 wherein said base station is
2 configured for receiving at least a packet of data for transmission from a Packet
Data Network to a mobile station.

35. The apparatus as recited in claim 34 wherein said base station is
2 configured for detecting a Dormant state between said mobile station and said
base station.

REMARKS

Claims 1-35 are pending. Applicants have elected to cancel claim 1
without prejudice for the sole purpose of expediting the patent application
process in a manner consistent with the PTO's Patent Business Goals, 65 Fed.
Reg. 54603 (September 8, 2000). Claims 2-35 are added. Claims 2-35 as now